

# Morbidity and Mortality

Weekly  
Report



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HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 22, 1956

For the current week 765 cases of poliomyelitis were reported as compared with 968 for last week. The corresponding figure for 1955 was 1,604.

The outbreak of typhoid fever among persons attending a church convention in Missouri is still being investigated. Seventeen cases have been confirmed by recovery of *Salmonella typhosa* and in 10, presumptive evidence of infection has been found. They have been distributed by States as follows: California, 2; Kansas, 1; Louisiana, 7; Minnesota, 1; Missouri, 5; Oklahoma, 9; and Oregon, 2. In all but 1 of the 17 cases confirmed by culture, a phage type C-2 organism has been isolated. The environmental investigation at the site of the convention suggested that the outbreak is the result of contamination of a well by seepage of sewage from the toilet drainage system. No other common source of infection has been found. A search is being made to find a probable typhoid carrier whose discharges contaminated the well.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	765	1,604	10,436	20,688	11,503	21,751
Paralytic-----	272	541	4,408	6,941	4,991	7,405
Nonparalytic-----	326	652	4,181	8,391	4,466	8,681
Unspecified-----	167	411	1,847	5,356	2,046	5,665

### EPIDEMIOLOGICAL REPORTS

#### Arthropod-borne encephalitis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has reported another suspect human case of eastern equine encephalitis which proved to be fatal. Autopsy is being performed on this case. The total for the year is now 12, of which 7 have died. Virus has been isolated from 4 fatal cases, and serologic evidence of infection has been found in 3 of the survivors. A total of 38 cases in horses has been reported, from which 6 virus isolations have been made, and a high antibody titer was found in 1 surviving animal. Two virus isolations have been made from pheasant farms. A recent confirmed case in a horse was found in Southbridge near the Connecticut border. Infection on pheasant farms confirmed by virus isolation has been found in nearby areas of Connecticut.

In other areas, human cases of arthropod-borne types of encephalitis have been found as follows: Three suspect human cases of eastern equine infection in New Jersey and 2 in Louisiana are being investigated. Serological evidence of St. Louis encephalitis has been found in 1 case in California and 1 in Colorado. There are 12 cases in Colorado with a presumptive

diagnosis of the St. Louis type of infection. California has reported 8 cases of western equine encephalitis for which there is serologic evidence of infection. Of 850 pools of mosquitoes received for testing in this State, western equine virus has been isolated from 124, 372 have been negative, and the remainder are still being tested. A few cases of encephalitis are being investigated in western Kansas, not far from an area in Texas where cases are also reported to be occurring. Eight suspect cases, with 1 death from western equine encephalitis reported in the State of Washington in July, are still under investigation. Two cases with 1 death have occurred in Idaho but neither has been confirmed.

#### Psittacosis

Preliminary information has been received reporting the occurrence of psittacosis among poultry processing workers in Virginia and Texas. In Virginia, 1 clinical case has been reported and 20 other employees have had mild upper respiratory infections. These workers were processing ducks. Blood specimens for laboratory examination are being drawn from the workers and from birds in breeding flocks. In Texas, an illness among poultry processing plant workers clinically resembles that of psittacosis. Blood specimens are being drawn from the plant workers and from turkeys in flocks before going to market. Approximately 3,000 birds are being held pending further study.

#### Rabies in a bat

Dr. D. S. Fleming, Minnesota Department of Health, has given additional information on the case of bat rabies reported for the week ended September 8. Mice inoculated with material from the hoary bat have developed rabies. Negri bodies have been demonstrated in the brains of the inoculated mice, thus confirming the diagnosis of rabies in the bat.

#### Trichiniasis

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported cases of trichiniasis in 2 unrelated families. In one family of 9, 3 persons became ill after eating undercooked pork. The number of persons in this family eating the pork is unknown. Members of the other family also ate undercooked pork and 7 of 8 became ill. The father did not eat any pork and was not affected. The diagnosis of these cases was confirmed by eosinophilia.

#### Dysentery

Mr. Vaughn Anderson, Idaho Department of Public Health, has reported an outbreak of dysentery among 25 persons who attended a summer camp. The exact number of cases is unknown, and no stool specimens were collected because all the patients had recovered when the illness was reported. Bacteriologic examination of water samples submitted from the area showed the water to be highly contaminated. (The types of organisms found in water samples were not stated.)

#### Gastro-enteritis

The California State Department of Public Health has re-

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ported an outbreak of gastro-enteritis among persons at a motel. Forty-three of 108 persons interviewed had sudden onsets with vomiting and diarrhea. An investigation revealed that 98 persons had been drinking untreated water. Bacteriologic examination of water samples showed excessive contamination with coliform organisms.

Communicable diseases in other areas

Information has been received that a moderate to severe poliomyelitis epidemic has occurred in the Netherlands this past summer. The concentration of cases is most severe in the southern part of the country, in the provinces of Limburg, Noord-Brabant, and Zuid-Holland.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES  
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	38th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 22, 1956	Ended Sept. 24, 1955	Median 1951-55	First 38 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	32	22	23	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	22	23	---	777	952	---	---	---	---	---
Diphtheria-----055	20	40	50	1,009	1,082	1,486	183	373	434	July 1
Encephalitis, infectious-----082	102	53	46	1,435	1,126	1,126	806	566	566	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	257	491	---	14,869	25,287	---	---	---	---	---
Malaria-----110-117	13	15	---	182	358	---	(1)	(1)	(1)	(1)
Measles-----085	811	640	640	579,150	520,342	520,342	2,456	1,943	2,073	Sept. 1
Meningococcal infections-----057	38	52	50	2,067	2,697	3,212	102	126	141	Sept. 1
Meningitis, other-----340	29	---	---	1,135	---	---	---	---	---	---
Poliomyelitis-----080	765	1,604	1,853	11,503	21,751	26,341	10,436	20,688	24,788	Apr. 1
Psittacosis-----096.2	4	2	---	396	202	---	(1)	(1)	(1)	(1)
Rabies in man-----094	21	-	-	7	4	8	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	45	39	65	1,386	1,277	1,694	1,073	970	1,288	Apr. 1
Typhus fever, endemic-----101	2	2	---	81	103	---	(1)	(1)	(1)	(1)
Rabies in animals-----	91	97	97	3,678	3,962	5,324	4,705	5,315	7,052	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Reported in Texas.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 24, 1955 AND SEPTEMBER 22, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		38th week		Cumulative first 38 weeks		082		38th week		Cumulative first 38 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	22	23	20	40	1,009	1,082	102	53	257	491	14,869	25,287
NEW ENGLAND-----	-	3	1	-	12	20	3	2	28	42	978	2,257
Maine-----	-	-	-	-	-	-	-	-	3	14	233	277
New Hampshire-----	-	-	-	-	1	-	-	-	1	1	29	66
Vermont-----	-	-	-	-	-	2	-	-	17	7	133	190
Massachusetts-----	-	2	1	-	11	18	2	-	5	10	249	782
Rhode Island-----	-	1	-	-	-	-	1	1	1	6	120	316
Connecticut-----	-	-	-	-	-	-	-	1	1	4	214	626
MIDDLE ATLANTIC-----	2	-	1	2	51	43	6	8	41	107	3,177	6,318
New York-----	-	-	-	2	18	26	5	6	22	59	1,656	3,477
New Jersey-----	-	-	-	-	14	6	1	1	4	3	293	394
Pennsylvania-----	2	-	1	-	19	11	-	1	15	45	1,228	2,447
EAST NORTH CENTRAL-----	5	3	1	-	175	104	8	9	30	59	2,215	3,624
Ohio-----	-	-	-	-	14	28	6	2	9	13	559	622
Indiana-----	-	-	1	-	85	34	-	7	3	5	314	514
Illinois-----	4	1	-	-	8	4	1	-	4	18	502	904
Michigan-----	-	2	-	-	66	35	-	-	10	14	588	1,046
Wisconsin-----	1	-	-	-	2	3	1	-	4	9	252	538
WEST NORTH CENTRAL-----	6	10	-	1	94	107	21	5	17	48	1,260	3,108
Minnesota-----	-	2	-	-	25	40	-	-	7	20	403	1,103
Iowa-----	1	5	-	-	17	5	-	-	4	6	326	866
Missouri-----	1	-	-	-	11	9	1	-	2	1	75	312
North Dakota-----	-	-	-	-	5	-	-	-	-	2	100	243
South Dakota-----	1	3	-	-	7	38	-	-	2	6	157	307
Nebraska-----	1	-	-	-	26	12	3	3	-	1	90	75
Kansas-----	2	-	-	1	3	3	17	2	2	12	109	202
SOUTH ATLANTIC-----	5	-	11	19	234	350	1	2	30	50	963	2,206
Delaware-----	-	-	-	-	-	1	-	-	-	1	30	44
Maryland-----	-	-	-	-	1	11	-	-	3	3	78	301
District of Columbia-----	-	-	-	-	1	2	1	-	-	2	18	40
Virginia-----	2	-	1	-	24	18	-	1	13	12	376	910
West Virginia-----	-	-	1	-	6	15	-	-	2	3	54	224
North Carolina-----	-	-	1	8	32	53	-	1	6	13	106	286
South Carolina-----	-	-	1	7	50	112	-	-	1	4	55	62
Georgia-----	3	-	4	3	60	95	-	-	2	1	123	132
Florida-----	-	-	3	1	60	43	-	-	3	11	123	207
EAST SOUTH CENTRAL-----	1	1	1	16	130	211	-	4	28	47	1,303	1,338
Kentucky-----	-	1	-	1	10	41	-	-	11	23	404	251
Tennessee-----	-	-	-	-	20	26	-	1	9	7	549	512
Alabama-----	1	-	-	11	61	116	-	2	2	7	161	253
Mississippi-----	-	-	1	4	39	28	-	1	6	10	189	322
WEST SOUTH CENTRAL-----	2	3	3	1	239	196	48	2	10	20	1,082	1,427
Arkansas-----	1	1	-	-	19	9	-	-	-	3	97	191
Louisiana-----	-	-	-	-	26	27	-	-	1	-	112	104
Oklahoma-----	-	-	-	-	57	23	1	1	3	-	86	144
Texas-----	1	2	3	1	137	137	47	1	6	17	787	988
MOUNTAIN-----	-	-	-	-	24	15	1	17	19	40	1,311	1,917
Montana-----	-	-	-	-	3	3	-	1	4	18	326	296
Idaho-----	-	-	-	-	1	-	-	-	2	2	170	215
Wyoming-----	-	-	-	-	4	-	-	3	2	4	74	90
Colorado-----	-	-	-	-	3	-	-	2	9	8	303	397
New Mexico-----	-	-	-	-	5	3	1	-	-	2	109	305
Arizona-----	-	-	-	-	5	6	-	-	2	5	259	539
Utah-----	-	-	-	-	3	1	-	-	-	1	65	55
Nevada-----	-	-	-	-	-	2	-	11	-	-	5	20
PACIFIC-----	1	3	2	1	50	36	14	4	54	78	2,580	3,092
Washington-----	-	-	1	1	10	19	-	-	10	15	537	675
Oregon-----	-	1	-	-	11	-	-	-	17	18	511	868
California-----	1	2	1	-	29	17	14	4	27	45	1,532	1,549
Alaska-----	-	-	-	-	35	-	-	-	3	13	71	275
Hawaii-----	-	-	-	-	-	-	-	-	1	2	35	36
Puerto Rico-----	-	-	1	-	51	58	-	-	6	-	198	48

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 24, 1955 AND SEPTEMBER 22, 1956--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

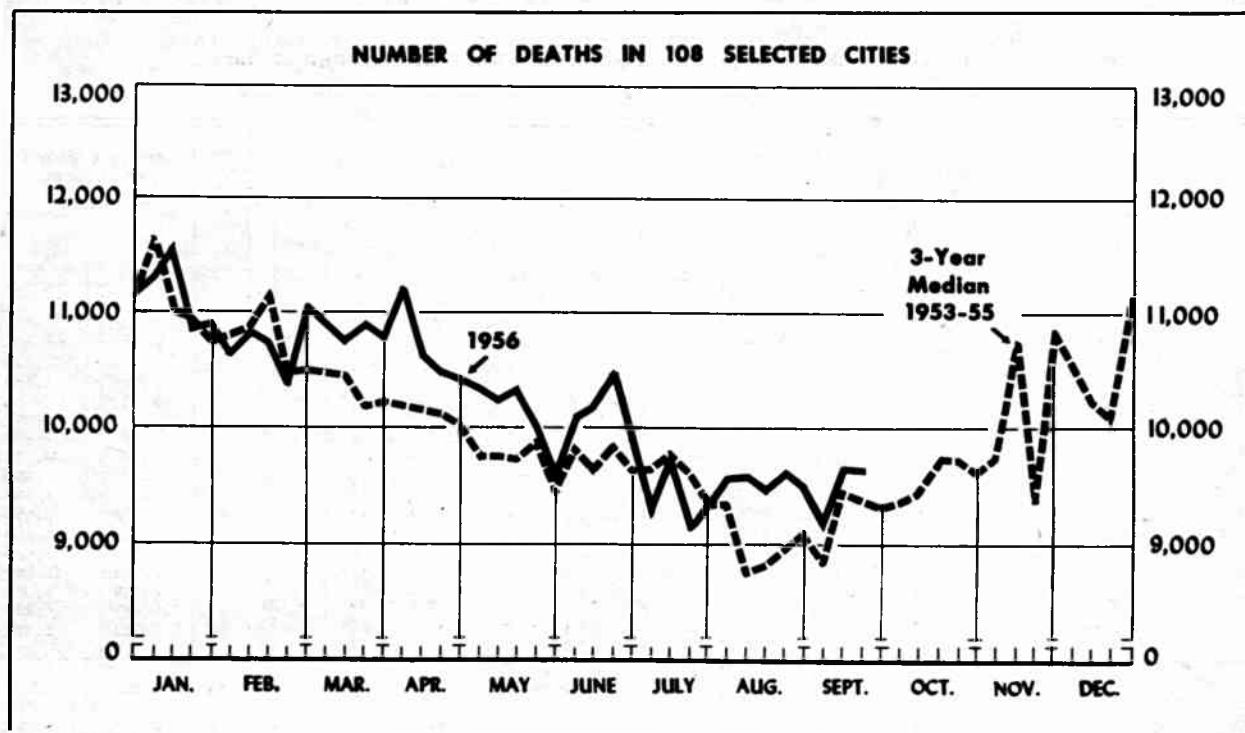
AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>1</sup>				Paralytic		Nonparalytic					
	38th week		Cumulative first 38 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	765	1,604	11,503	21,751	272	541	326	652	15	15	811	640
NEW ENGLAND-----	18	276	213	4,202	4	104	12	106	-	1	12	22
Maine-----	-	11	19	133	-	6	-	4	-	-	1	2
New Hampshire-----	-	10	3	194	-	-	-	-	-	-	-	-
Vermont-----	2	10	19	98	-	5	2	5	-	-	1	8
Massachusetts-----	6	181	93	3,032	2	89	2	66	-	1	7	8
Rhode Island-----	-	26	9	252	-	3	-	1	-	-	1	2
Connecticut-----	10	38	70	493	2	1	8	30	-	-	2	2
MIDDLE ATLANTIC-----	86	317	824	3,097	11	76	39	136	-	-	93	80
New York-----	46	208	532	2,018	9	63	25	106	-	-	63	54
New Jersey-----	21	62	168	498	2	13	14	30	-	-	15	12
Pennsylvania-----	19	47	124	581	-	-	-	-	-	-	15	14
EAST NORTH CENTRAL-----	216	469	3,180	5,166	78	151	82	156	2	-	106	95
Ohio-----	43	91	438	980	11	17	10	14	-	-	6	15
Indiana-----	35	21	282	302	13	5	9	7	-	-	9	25
Illinois-----	63	91	1,068	1,068	28	29	25	36	2	-	23	14
Michigan-----	37	72	476	964	10	21	25	37	-	-	34	18
Wisconsin-----	38	194	372	1,852	16	79	13	62	-	-	34	23
WEST NORTH CENTRAL-----	129	117	1,319	1,732	21	30	73	64	1	-	24	52
Minnesota-----	20	38	163	488	3	14	17	23	-	-	2	2
Iowa-----	47	19	514	473	3	3	37	14	1	-	10	29
Missouri-----	26	9	325	195	6	1	6	6	-	-	4	-
North Dakota-----	10	4	24	52	1	2	9	1	-	-	6	3
South Dakota-----	1	3	28	62	-	-	-	2	-	-	-	-
Nebraska-----	12	24	112	237	2	5	2	14	-	-	2	-
Kansas-----	13	20	153	225	6	5	2	4	-	-	-	18
SOUTH ATLANTIC-----	80	126	1,085	1,877	44	51	32	56	3	1	77	46
Delaware-----	3	-	20	50	1	-	2	-	-	-	-	-
Maryland-----	14	20	56	192	8	10	6	10	-	-	9	5
District of Columbia-----	1	2	8	39	1	1	-	1	-	-	-	-
Virginia-----	9	14	167	260	7	5	2	9	1	1	16	12
West Virginia-----	10	13	86	137	8	6	2	5	-	-	8	16
North Carolina-----	16	19	236	350	6	6	8	8	-	-	8	2
South Carolina-----	8	21	90	242	2	7	6	6	1	-	17	6
Georgia-----	5	29	157	212	5	14	-	13	-	-	1	4
Florida-----	14	8	265	395	6	2	6	4	1	-	18	1
EAST SOUTH CENTRAL-----	33	40	498	832	18	13	9	17	1	1	210	18
Kentucky-----	10	15	180	345	5	2	4	11	1	-	35	3
Tennessee-----	7	19	100	192	4	8	1	6	-	-	167	7
Alabama-----	1	5	55	140	-	3	-	-	-	-	6	4
Mississippi-----	15	1	203	155	9	-	4	-	-	1	2	4
WEST SOUTH CENTRAL-----	54	77	1,895	2,145	26	34	25	32	3	4	104	81
Arkansas-----	7	4	143	156	3	1	4	5	-	-	9	3
Louisiana-----	13	16	507	289	7	11	6	5	-	-	1	-
Oklahoma-----	7	7	175	228	2	2	2	1	3	-	1	6
Texas-----	27	50	1,070	1,472	14	20	13	23	-	4	93	72
MOUNTAIN-----	40	46	596	826	9	19	6	20	-	-	60	73
Montana-----	-	18	28	101	-	9	-	4	-	-	4	17
Idaho-----	2	6	91	201	-	3	-	3	-	-	4	-
Wyoming-----	1	-	24	31	1	-	-	-	-	-	6	1
Colorado-----	10	9	109	181	5	3	5	6	-	-	4	17
New Mexico-----	2	4	58	102	2	1	-	3	-	-	16	13
Arizona-----	2	8	104	91	1	3	1	4	-	-	11	19
Utah-----	22	1	153	54	-	-	-	-	-	-	13	5
Nevada-----	1	-	29	65	-	-	-	-	-	-	2	1
PACIFIC-----	109	136	1,893	1,874	61	63	48	65	3	8	125	173
Washington-----	5	29	141	283	3	14	2	8	-	-	-	32
Oregon-----	3	18	114	236	3	13	-	5	-	1	15	25
California-----	101	89	1,638	1,355	55	36	46	52	3	7	110	116
Alaska-----	-	1	10	43	-	-	-	1	-	-	9	2
Hawaii-----	-	6	60	70	-	6	-	-	-	-	57	8
Puerto Rico-----	3	1	43	438	3	1	-	-	-	-	27	34

<sup>1</sup>Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 24, 1955 AND SEPTEMBER 22, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			340	096.2		38th week		Cumulative first 38 weeks		101	
	1956	1955		1956	1956	1955	1956	1955	1956		1955	1956
CONT. UNITED STATES-----	38	52	29	4	2	45	39	1,386	1,277	2	91	97
NEW ENGLAND-----	1	3	1	-	-	2	1	44	27	-	-	-
Maine-----	-	-	-	-	-	-	-	12	6	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	1	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	-	1	1	-	-	1	-	15	11	-	-	-
Rhode Island-----	-	-	-	-	-	-	1	5	2	-	-	-
Connecticut-----	1	-	-	-	-	1	-	11	7	-	-	-
MIDDLE ATLANTIC-----	4	10	-	-	-	5	7	178	135	-	22	29
New York-----	2	6	-	-	-	1	2	52	27	-	21	19
New Jersey-----	1	-	-	-	-	-	1	24	22	-	-	-
Pennsylvania-----	1	4	-	-	-	4	4	102	86	-	1	10
EAST NORTH CENTRAL-----	9	18	7	-	-	4	4	189	121	-	16	3
Ohio-----	-	4	-	-	-	-	1	44	53	-	4	-
Indiana-----	-	6	3	-	-	2	1	24	15	-	8	1
Illinois-----	7	-	4	-	-	1	1	33	28	-	1	-
Michigan-----	1	7	-	-	-	1	1	46	20	-	1	1
Wisconsin-----	1	1	-	-	-	-	-	42	5	-	2	1
WEST NORTH CENTRAL-----	3	2	1	-	-	2	1	172	69	-	15	13
Minnesota-----	1	1	-	-	-	-	-	35	5	-	3	2
Iowa-----	-	-	-	-	-	-	-	56	19	-	1	4
Missouri-----	1	1	-	-	-	1	1	48	35	-	10	6
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	1	-	1	-	-	-	-	12	4	-	1	1
Kansas-----	-	-	-	-	-	1	-	12	2	-	-	-
SOUTH ATLANTIC-----	5	1	6	1	1	8	8	224	242	1	18	22
Delaware-----	-	-	-	-	-	-	-	3	2	-	-	-
Maryland-----	-	-	3	-	-	-	1	17	20	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	11	6	-	-	-
Virginia-----	1	-	2	-	1	2	1	43	33	-	2	9
West Virginia-----	-	-	-	-	-	1	3	21	29	-	3	3
North Carolina-----	1	-	-	-	-	2	-	25	23	-	2	4
South Carolina-----	1	-	-	-	-	-	2	24	40	-	7	4
Georgia-----	2	-	1	1	-	3	-	44	41	1	1	-
Florida-----	-	1	-	-	-	-	1	36	48	-	3	2
EAST SOUTH CENTRAL-----	6	4	6	-	-	4	6	174	202	1	11	10
Kentucky-----	-	1	-	-	-	1	2	36	97	-	4	2
Tennessee-----	2	1	4	-	-	1	3	66	60	-	1	2
Alabama-----	3	2	-	-	-	-	-	20	30	1	6	5
Mississippi-----	1	-	2	-	-	2	1	52	15	-	-	1
WEST SOUTH CENTRAL-----	6	5	3	2	-	11	8	263	312	-	7	14
Arkansas-----	1	1	-	-	-	2	-	61	59	-	2	-
Louisiana-----	3	-	-	-	-	1	1	36	67	-	5	9
Oklahoma-----	-	-	-	-	-	1	2	39	44	-	-	-
Texas-----	2	4	3	2	-	7	5	127	142	-	-	5
MOUNTAIN-----	1	4	5	1	-	3	2	54	95	-	-	-
Montana-----	-	-	-	-	-	-	-	3	4	-	-	-
Idaho-----	-	-	-	-	-	-	-	3	9	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	-	3	5	1	-	-	1	10	11	-	-	-
New Mexico-----	-	-	-	-	-	1	1	15	47	-	-	-
Arizona-----	1	1	-	-	-	2	-	17	14	-	-	-
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	3	5	-	-	1	6	2	88	74	-	2	6
Washington-----	-	1	-	-	-	-	-	2	1	-	-	-
Oregon-----	1	-	-	-	-	2	-	9	9	-	-	-
California-----	2	4	-	-	1	4	2	78	64	-	2	6
Alaska-----	-	-	-	-	-	-	-	1	4	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	1	-	-
Puerto Rico-----	-	-	1	-	-	12	3	52	36	-	-	-



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION**

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	38th week ended Sept. 22, 1956	37th week ended Sept. 15, 1956	38th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 38 WEEKS		
					1956	1955	Percent change
<b>TOTAL: 107 REPORTING CITIES-----</b>	<b>9,649</b>	<b>9,658</b>	<b>9,337</b>	<b>+3.3</b>	<b>388,047</b>	<b>382,468</b>	<b>+1.5</b>
New England----- (14 cities)	583	633	638	-8.6	25,586	25,898	-1.2
Middle Atlantic----- (17 cities)	2,748	2,849	2,736	+0.4	112,707	112,852	-0.1
East North Central----- (18 cities)	2,084	2,126	2,051	+1.6	85,009	84,207	+1.0
West North Central----- (8 cities)	721	627	662	+8.9	26,884	26,099	+3.0
South Atlantic----- (9 cities)	750	717	662	+13.3	30,282	28,931	+4.7
East South Central----- (8 cities)	446	509	426	+4.7	17,928	17,794	+0.8
West South Central----- (13 cities)	851	771	693	+22.8	32,001	29,844	+7.2
Mountain----- (8 cities)	240	248	210	+14.3	9,308	8,988	+3.6
Pacific----- (12 cities)	1,226	1,178	1,145	+7.1	48,342	47,855	+1.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 22, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	38th week ended Sept. 22, 1956	37th week ended Sept. 15, 1956	CUMULATIVE NUMBER FIRST 38 WEEKS		CITY	38th week ended Sept. 22, 1956	37th week ended Sept. 15, 1956	CUMULATIVE NUMBER FIRST 38 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	207	218	8,624	8,839	St. Louis, Mo.-----	228	211	8,877	8,305
Bridgeport, Conn.-----	36	41	1,415	1,401	St. Paul, Minn.-----	66	64	2,518	2,428
Cambridge, Mass.-----	21	24	1,126	1,087	Wichita, Kans.-----	61	28	1,539	1,439
Fall River, Mass.-----	30	15	1,036	1,036	SOUTH ATLANTIC				
Hartford, Conn.-----	53	38	1,798	1,732	Atlanta, Ga.-----	102	104	4,144	3,891
Lowell, Mass.-----	15	17	895	943	Baltimore, Md.-----	227	220	8,719	8,484
Lynn, Mass.-----	16	19	797	858	Charlotte, N. C.-----	33	24	1,175	1,054
New Bedford, Mass.-----	18	19	848	907	Jacksonville, Fla.-----	(45)	(54)	(1,942)	(1,787)
New Haven, Conn.-----	24	45	1,708	1,631	Miami, Fla.-----	41	45	1,900	2,043
Providence, R. I.-----	51	61	2,368	2,406	Norfolk, Va.-----	29	34	1,222	1,188
Somerville, Mass.-----	12	17	595	574	Richmond, Va.-----	55	52	2,625	2,410
Springfield, Mass.-----	32	42	1,562	1,565	Savannah, Ga.-----	(33)	(19)	(1,084)	(1,069)
Waterbury, Conn.-----	25	29	949	956	Tampa, Fla.-----	46	47	2,235	2,084
Worcester, Mass.-----	43	48	1,865	1,963	Washington, D. C.-----	184	167	6,941	6,428
MIDDLE ATLANTIC					Wilmington, Del.-----	33	24	1,321	1,349
Albany, N. Y.-----	44	48	1,849	1,809	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(26)	(22)	(1,391)	(1,378)	Birmingham, Ala.-----	73	87	2,905	2,893
Buffalo, N. Y.-----	138	143	5,346	5,121	Chattanooga, Tenn.-----	45	50	1,603	1,663
Camden, N. J.-----	38	24	1,462	1,394	Knoxville, Tenn.-----	28	41	1,287	1,269
Elizabeth, N. J.-----	23	19	1,038	1,005	Louisville, Ky.-----	86	128	4,007	3,962
Erie, Pa.-----	36	33	1,264	1,333	Memphis, Tenn.-----	100	85	3,748	3,752
Jersey City, N. J.-----	47	70	2,659	2,627	Mobile, Ala.-----	33	35	1,266	1,093
Newark, N. J.-----	87	151	3,641	3,799	Montgomery, Ala.-----	25	28	1,091	985
New York City, N. Y.-----	1,448	1,434	58,581	58,962	Nashville, Tenn.-----	56	55	2,021	2,177
Paterson, N. J.-----	21	32	1,384	1,417	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	412	453	18,108	18,153	Austin, Tex.-----	32	18	1,062	970
Pittsburgh, Pa.-----	172	168	6,871	6,712	Baton Rouge, La.-----	21	18	833	790
Reading, Pa.-----	---	(20)	---	(851)	Corpus Christi, Tex.-----	30	15	745	658
Rochester, N. Y.-----	87	100	3,544	3,526	Dallas, Tex.-----	95	103	4,060	3,674
Schenectady, N. Y.-----	21	21	844	854	El Paso, Tex.-----	19	30	1,016	1,088
Scranton, Pa.-----	(43)	(29)	(1,306)	(1,275)	Fort Worth, Tex.-----	48	66	2,220	2,048
Syracuse, N. Y.-----	62	59	2,214	2,095	Houston, Tex.-----	158	149	5,109	4,702
Trenton, N. J.-----	50	50	1,663	1,811	Little Rock, Ark.-----	50	47	1,751	1,694
Utica, N. Y.-----	30	26	1,124	1,136	New Orleans, La.-----	143	132	6,039	5,677
Yonkers, N. Y.-----	32	18	1,115	1,098	Oklahoma City, Okla.-----	67	55	2,375	2,137
EAST NORTH CENTRAL					San Antonio, Tex.-----	81	68	3,315	3,249
Akron, Ohio-----	50	70	1,981	1,993	Shreveport, La.-----	69	23	1,729	1,483
Canton, Ohio-----	24	21	1,056	1,027	Tulsa, Okla.-----	38	47	1,747	1,674
Chicago, Ill.-----	666	603	27,632	27,443	MOUNTAIN				
Cincinnati, Ohio-----	137	167	5,726	5,635	Albuquerque, N. Mex.-----	24	31	862	866
Cleveland, Ohio-----	178	210	7,702	7,451	Colorado Springs, Colo.-----	16	16	493	492
Columbus, Ohio-----	101	85	4,045	4,040	Denver, Colo.-----	121	109	4,113	4,072
Dayton, Ohio-----	48	69	2,475	2,474	Ogden, Utah-----	9	9	465	412
Detroit, Mich.-----	295	319	12,084	12,336	Phoenix, Ariz.-----	23	28	985	900
Evansville, Ind.-----	38	34	1,253	1,189	Pueblo, Colo.-----	10	19	471	487
Flint, Mich.-----	38	36	1,464	1,384	Salt Lake City, Utah-----	35	30	1,700	1,591
Fort Wayne, Ind.-----	22	33	1,332	1,280	Tucson, Ariz.-----	2	6	219	168
Gary, Ind.-----	(21)	(28)	(1,070)	(1,050)	PACIFIC				
Grand Rapids, Mich.-----	34	36	1,572	1,591	Berkeley, Calif.-----	17	16	625	680
Indianapolis, Ind.-----	120	111	4,384	4,160	Long Beach, Calif.-----	53	47	1,967	1,867
Milwaukee, Wis.-----	111	149	4,691	4,738	Los Angeles, Calif.-----	461	453	17,662	17,453
Peoria, Ill.-----	37	29	1,096	1,098	Oakland, Calif.-----	100	75	3,420	3,274
South Bend, Ind.-----	23	26	917	931	Pasadena, Calif.-----	31	24	1,349	1,405
Toledo, Ohio-----	93	90	3,525	3,486	Portland, Oreg.-----	75	76	3,549	3,546
Youngstown, Ohio-----	69	38	2,074	1,951	Sacramento, Calif.-----	43	52	1,810	1,864
WEST NORTH CENTRAL					San Diego, Calif.-----	85	69	2,819	2,787
Des Moines, Iowa-----	59	43	1,904	1,959	San Francisco, Calif.-----	177	149	7,164	7,002
Duluth, Minn.-----	29	30	990	987	Seattle, Wash.-----	102	126	4,775	4,827
Kansas City, Kans.-----	---	(36)	---	(1,338)	Spokane, Wash.-----	42	50	1,760	1,716
Kansas City, Mo.-----	98	97	4,133	4,118	Tacoma, Wash.-----	40	41	1,442	1,434
Minneapolis, Minn.-----	119	91	4,480	4,427	Honolulu, Hawaii-----	(43)	(41)	(1,324)	(1,337)
Omaha, Nebr.-----	61	63	2,443	2,436					

Symbols.—parentheses [ ( ) ] : data not included in table 3; 3 dashes [ --- ] : data not available.

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